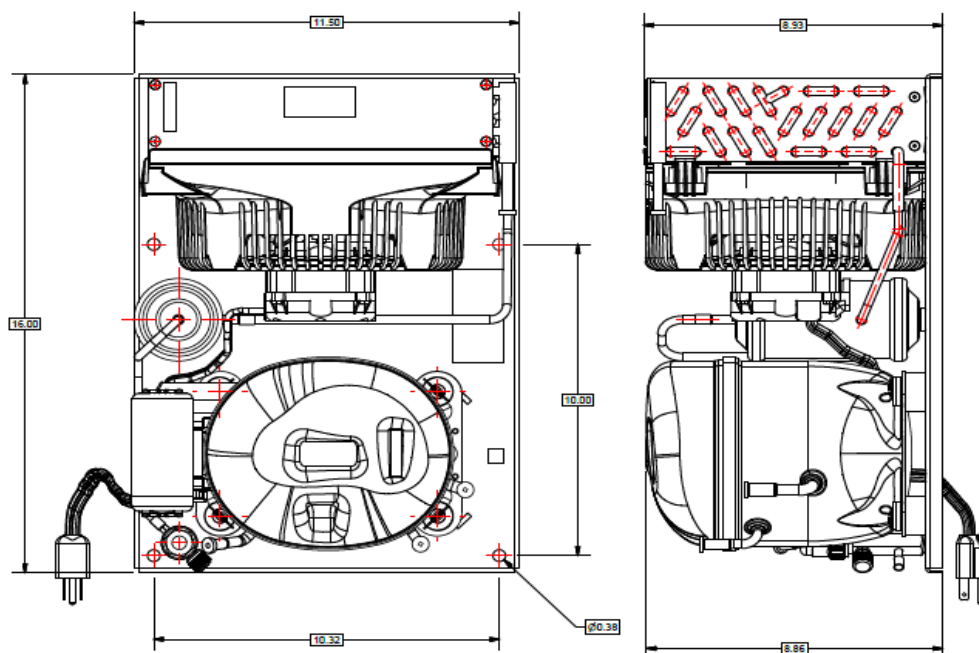
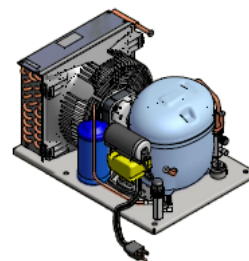




CELSEON® LOW PROFILE CONDENSING UNIT



Model AE4430Y-AA1ASG
BOM 32F470-79S
Air Cooled 1/4 HP
Application High Temp
Refrigerant R134a
Volts-Hz-Ph 115/60/1



Model	Dimensions, inches (mm)			Line Connections		Pumpdown	AirFlow	Oil Ch.	Gross weight
	L	W	H	Suction	Liquid	90% @90°F	CFM	Oz.	Lbs (kg)
AE4430Y-AA1ASG	16. (406)	11.5 (292)	8.9 (226)	5/16" Sweat	1/4" Sweat	1.83	190	9.5	38.1 (17.3)

Factory charge 20 PSIG dry air, **MUST BE EVACUATED**

Evaporator		Ambient Temperatures															
		80°F				90°F				100°F				110°F			
T, °F	PSIG	BTUH	Watts	Head	Cond T	BTUH	Watts	Head	Cond T	BTUH	Watts	Head	Cond T	BTUH	Watts	Head	Cond T
10	12.1	1570	300	115	95	1430	310	134	104	1320	310	156	114	1190	320	178	122
15	15.2	1770	310	119	97	1620	320	138	106	1490	330	161	115	1350	340	183	124
20	18.6	2000	330	123	98	1830	340	143	108	1680	350	166	117	1530	360	188	126
25	22.3	2230	350	127	101	2050	360	148	110	1880	370	171	119	1710	380	194	128
30	26.3	2480	360	133	103	2290	380	153	112	2100	390	177	122	1910	400	201	130
35	30.6	2750	380	138	105	2540	400	160	115	2330	410	184	124	2120	420	208	132
40	35.2	3030	400	145	108	2800	420	166	117	2570	430	191	127	2340	450	216	135
45	40.3	3330	420	152	111	3080	440	174	120	2840	460	199	129	2570	480	225	138
50	45.6	3640	440	159	114	3380	470	181	123	3110	480	207	132	2810	500	234	140
55	51.4	3960	470	167	118	3690	490	190	126	3400	510	215	135	3070	530	244	143

Performance @ 60 Hz, Return gas 65°F, SubCooling 5°F

Parts/Specifications

Unit BOM	32F470-79S		
Unit MODEL	AE4430Y-AA1ASG		
Refrigerant	R134a	Condenser	506-G434
Refrigeration RANGE	20°F to 55°F	Fan Guard	116-002P
Design Pressure Low	150	Condenser, Fan Guard Kit	K135-02
Design Pressure High	450	Power Cord	85106-10
Volts - HZ - Ph	115/60/1		
Voltage Range	103.5 - 126.5	Fan Motor	810L009B96
Min. Circuit Ampacity	6.7	Fan Blade	4VEA010
Max. Fuse Size	15	Replacement Fan Motor	9W115
		Fan Motor, Blade, Guard assy	GFMG-119S
Compressor MODEL	AE4430Y-AA1A	Fan Motor RLA	0.58
Compressor BOM	AE1023E-212-J7	Receiver Tank	51085-1
Compressor LRA	27.5		
Compressor RLA	4.91	Unit drawing DGU	DGU1896-G107
		Electrical Diagram	DEAE-10
OverLoad	830-10043		
Replacement Kit - O/L	K90-55		
Relay	820-10030		
Replacement Kit - Relay	K71-35		
Start Capacitor	85PS110C76		
Replacement Kit - St.Cap	K146-17		
Run Capacitor	N/A		

